Kinam Park

List of Publications by Year
in descending order

443 papers	25,085 citations	9264 74 h-index	7950 149 g-index
491 all docs	491 docs citations	491 times ranked	27317 citing authors

#	Article	IF	Citations
1	Environment-sensitive hydrogels for drug delivery. Advanced Drug Delivery Reviews, 2001, 53, 321-339.	13.7	3,118
2	Targeted drug delivery to tumors: Myths, reality and possibility. Journal of Controlled Release, 2011, 153, 198-205.	9.9	1,580
3	Smart polymeric gels: Redefining the limits of biomedical devices. Progress in Polymer Science, 2007, 32, 1083-1122.	24.7	538
4	Controlled drug delivery systems: Past forward and future back. Journal of Controlled Release, 2014, 190, 3-8.	9.9	525
5	Overcoming the barriers in micellar drug delivery: loading efficiency,in vivostability, and micelleâ€“cell interaction. Expert Opinion on Drug Delivery, 2010, 7, 49-62.	5.0	487
6	Polymeric micelles and alternative nanonized delivery vehicles for poorly soluble drugs. International Journal of Pharmaceutics, 2013, 453, 198-214.	5.2	465
7	Control of encapsulation efficiency and initial burst in polymeric microparticle systems. Archives of Pharmacal Research, 2004, 27, 1-12.	6.3	460
8	Facing the Truth about Nanotechnology in Drug Delivery. ACS Nano, 2013, 7, 7442-7447.	14.6	457
9	Prevention of Protein Adsorption by Tethered Poly(ethylene oxide) Layers:â€‰ Experiments and Single-Chain Mean-Field Analysis. Langmuir, 1998, 14, 176-186.	3.5	407
10	Synthesis of superporous hydrogels: Hydrogels with fast swelling and superabsorbent properties. Journal of Biomedical Materials Research Part B, 1999, 44, 53-62.	3.1	404
11	Advances in superporous hydrogels. Journal of Controlled Release, 2005, 102, 3-12.	9.9	369
12	Nanoparticles for oral delivery: Targeted nanoparticles with peptidic ligands for oral protein delivery. Advanced Drug Delivery Reviews, 2013, 65, 822-832.	13.7	364
13	Release of hydrophobic molecules from polymer micelles into cell membranes revealed by FÃ¶rster resonance energy transfer imaging. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6596-6601.	7.1	358
14	Analysis on the current status of targeted drug delivery to tumors. Journal of Controlled Release, 2012, 164, 108-114.	9.9	343
15	Tumor-homing multifunctional nanoparticles for cancer theragnosis: Simultaneous diagnosis, drug delivery, and therapeutic monitoring. Journal of Controlled Release, 2010, 146, 219-227.	9.9	336
16	Issues in long-term protein delivery using biodegradable microparticles. Journal of Controlled Release, 2010, 146, 241-260.	9.9	326
17	Polycation gene delivery systems: escape from endosomes to cytosol. Journal of Pharmacy and Pharmacology, 2010, 55, 721-734.	2.4	319
18	Surface modification of polymeric biomaterials with poly(ethylene oxide), albumin, and heparin for reduced thrombogenicity. Journal of Biomaterials Science, Polymer Edition, 1993, 4, 217-234.	3.5	315

#	Article	IF	Citations
19	Mechanisms of controlled drug release from drug-eluting stents. Advanced Drug Delivery Reviews, 2006, 58, 387-401.	13.7	313
20	Engineered polymers for advanced drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 71, 420-430.	4.3	298
21	Fast Release of Lipophilic Agents from Circulating PEG-PDLLA Micelles Revealed by in Vivo FÃ¶rster Resonance Energy Transfer Imaging. Langmuir, 2008, 24, 5213-5217.	3.5	293
22	Hydrotropic polymer micelle system for delivery of paclitaxel. Journal of Controlled Release, 2005, 101, 59-68.	9.9	266
23	Controlled Drug Delivery: Historical perspective for the next generation. Journal of Controlled Release, 2015, 219, 2-7.	9.9	263
24	Biodegradable Polymers for Microencapsulation of Drugs. Molecules, 2005, 10, 146-161.	3.8	252
25	Injectable, long-acting PLGA formulations: Analyzing PLGA and understanding microparticle formation. Journal of Controlled Release, 2019, 304, 125-134.	9.9	247
26	PLA micro- and nano-particles. Advanced Drug Delivery Reviews, 2016, 107, 176-191.	13.7	241
27	Oral protein delivery: Current status and future prospect. Reactive and Functional Polymers, 2011, 71, 280-287.	4.1	230
28	Orally Fast Disintegrating Tablets: Developments, Technologies, Taste-Masking and Clinical Studies. Critical Reviews in Therapeutic Drug Carrier Systems, 2004, 21, 433-476.	2.2	224
29	Hyaluronic acid-based nanocarriers for intracellular targeting: Interfacial interactions with proteins in cancer. Colloids and Surfaces B: Biointerfaces, 2012, 99, 82-94.	5.0	221
30	Synthesis and characterization of superporous hydrogel composites. Journal of Controlled Release, 2000, 65, 73-82.	9.9	215
31	Hydrogels for delivery of bioactive agents: A historical perspective. Advanced Drug Delivery Reviews, 2013, 65, 17-20.	13.7	211
32	Gastric retention properties of superporous hydrogel composites. Journal of Controlled Release, 2000, 64, 39-51.	9.9	208
33	Nanotechnology: What it can do for drug delivery. Journal of Controlled Release, 2007, 120, 1-3.	9.9	192
34	Hydrotropic Polymeric Micelles for Enhanced Paclitaxel Solubility:Â In Vitro and In Vivo Characterization. Biomacromolecules, 2007, 8, 202-208.	5.4	183
35	Biocompatibility issues of implantable drug delivery systems. Pharmaceutical Research, 1996, 13, 1770-1776.	3.5	171
36	Modulated insulin delivery from glucose-sensitive hydrogel dosage forms. Journal of Controlled Release, 2001, 77, 39-47.	9.9	165

#	Article	IF	Citations
37	Effects of ethylene glycol-based graft, star-shaped, and dendritic polymers on solubilization and controlled release of paclitaxel. Journal of Controlled Release, 2003, 93, 121-127.	9.9	165
38	Local Drug Delivery via a Coronary Stent With Programmable Release Pharmacokinetics. Circulation, 2003, 107, 777-784.	1.6	164
39	Small intestinal submucosa: a substrate for in vitro cell growth. Journal of Biomaterials Science, Polymer Edition, 1998, 9, 863-878.	3.5	161
40	Hydrotropic solubilization of paclitaxel: analysis of chemical structures for hydrotropic property. Pharmaceutical Research, 2003, 20, 1022-1030.	3.5	159
41	Development of an in Vitro 3D Tumor Model to Study Therapeutic Efficiency of an Anticancer Drug. Molecular Pharmaceutics, 2013, 10, 2167-2175.	4.6	157
42	Hydrotropic agents for study of in vitro paclitaxel release from polymeric micelles. Journal of Controlled Release, 2004, 97, 249-257.	9.9	155
43	Characterization of protein release through glucose-sensitive hydrogel membranes. Biomaterials, 1997, 18, 801-806.	11.4	149
44	Simulation of complex transport of nanoparticles around a tumor using tumor-microenvironment-on-chip. Journal of Controlled Release, 2014, 194, 157-167.	9.9	146
45	Swelling and mechanical properties of superporous hydrogels of poly(acrylamide-co-acrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	3.8	144
46	Microencapsulation methods for delivery of protein drugs. Biotechnology and Bioprocess Engineering, 2001, 6, 213-230.	2.6	140
47	Smart nanoparticles for drug delivery: Boundaries and opportunities. Chemical Engineering Science, 2015, 125, 158-164.	3.8	137
48	Evolution of drug delivery systems: From 1950 to 2020 and beyond. Journal of Controlled Release, 2022, 342, 53-65.	9.9	134
49	The hydrogel template method for fabrication of homogeneous nano/microparticles. Journal of Controlled Release, 2010, 141, 314-319.	9.9	128
50	pH-sensitivity of fast responsive superporous hydrogels. Journal of Biomaterials Science, Polymer Edition, 2000, 11, 1371-1380.	3.5	123
51	Hydrotropic Dendrimers of Generations 4 and 5:â€‰ Synthesis, Characterization, and Hydrotropic Solubilization of Paclitaxel. Bioconjugate Chemistry, 2004, 15, 1221-1229.	3.6	122
52	The beginning of the end of the nanomedicine hype. Journal of Controlled Release, 2019, 305, 221-222.	9.9	121
53	Hydrotropic polymer micelles containing acrylic acid moieties for oral delivery of paclitaxel. Journal of Controlled Release, 2008, 132, 222-229.	9.9	117
54	Calculation of solvation interaction energies for protein adsorption on polymer surfaces. Journal of Biomaterials Science, Polymer Edition, 1992, 3, 127-147.	3.5	112

#	Article	IF	Citations
55	A new hydrotropic block copolymer micelle system for aqueous solubilization of paclitaxel. Journal of Controlled Release, 2008, 126, 122-129.	9.9	108
56	In vitroâ€“in vivo correlation: Perspectives on model development. International Journal of Pharmaceutics, 2011, 418, 142-148.	5.2	105
57	Neuroprotective ferulic acid (FA)â€“glycol chitosan (GC) nanoparticles for functional restoration of traumatically injured spinal cord. Biomaterials, 2014, 35, 2355-2364.	11.4	105
58	Hydrotropic Solubilization of Poorly Water-Soluble Drugs. Journal of Pharmaceutical Sciences, 2010, 99, 3953-3965.	3.3	102
59	Blood-stable, tumor-adaptable disulfide bonded mPEG-(Cys)4-PDLLA micelles for chemotherapy. Biomaterials, 2013, 34, 552-561.	11.4	102
60	Effects of the Microparticle Shape on Cellular Uptake. Molecular Pharmaceutics, 2016, 13, 2164-2171.	4.6	99
61	Elastic, Superporous Hydrogel Hybrids of Polyacrylamide and Sodium Alginate. Macromolecular Bioscience, 2006, 6, 703-710.	4.1	95
62	Development and evaluation of transferrin-stabilized paclitaxel nanocrystal formulation. Journal of Controlled Release, 2014, 176, 76-85.	9.9	94
63	Bioadhesive interaction and hypoglycemic effect of insulin-loaded lectinâ€“microparticle conjugates in oral insulin delivery system. Journal of Controlled Release, 2005, 102, 525-538.	9.9	92
64	Pulmonary Codelivery of Doxorubicin and siRNA by pHâ€Sensitive Nanoparticles for Therapy of Metastatic Lung Cancer. Small, 2015, 11, 4321-4333.	10.0	92
65	Characterization of glucose dependent gel-sol phase transition of the polymeric glucose-concanavalin A hydrogel system. Pharmaceutical Research, 1996, 13, 989-995.	3.5	91
66	Smart hydrogels for bioseparation. , 1998, 7, 177-184.		91
67	Pore structure of superporous hydrogels. Polymers for Advanced Technologies, 2000, 11, 617-625.	3.2	90
68	Hydrotropic hyaluronic acid conjugates: Synthesis, characterization, and implications as a carrier of paclitaxel. International Journal of Pharmaceutics, 2010, 394, 154-161.	5.2	88
69	Enhanced drug-loading and therapeutic efficacy of hydrotropic oligomer-conjugated glycol chitosan nanoparticles for tumor-targeted paclitaxel delivery. Journal of Controlled Release, 2013, 172, 823-831.	9.9	88
70	Hydrotropic oligomer-conjugated glycol chitosan as a carrier of paclitaxel: Synthesis, characterization, and in vivo biodistribution. Journal of Controlled Release, 2009, 140, 210-217.	9.9	87
71	A study of drug release from homogeneous PLGA microstructures. Journal of Controlled Release, 2010, 146, 201-206.	9.9	85
72	In vitro and in vivo studies of PEO-grafted blood-contacting cardiovascular prostheses. Journal of Biomaterials Science, Polymer Edition, 2000, 11, 1121-1134.	3.5	84

#	Article	IF	Citations
73	Preparation and swelling behavior of chitosan-based superporous hydrogels for gastric retention application. Journal of Biomedical Materials Research - Part A, 2006, 76A, 144-150.	4.0	82
74	Recent developments in superporous hydrogels. Journal of Pharmacy and Pharmacology, 2010, 59, 317-327.	2.4	82
75	Advanced drug delivery 2020 and beyond: Perspectives on the future. Advanced Drug Delivery Reviews, 2020, 158, 4-16.	13.7	81
76	Self-assembled glycol chitosan nanoparticles for disease-specific theranostics. Journal of Controlled Release, 2014, 193, 202-213.	9.9	78
77	Drug Delivery Research for the Future: Expanding the Nano Horizons and Beyond. Journal of Controlled Release, 2017, 246, 183-184.	9.9	75
78	Synergistic anti-tumor activity through combinational intratumoral injection of an in-situ injectable drug depot. Biomaterials, 2016, 85, 232-245.	11.4	72
79	Grafting of PEO to glass, nitinol, and pyrolytic carbon surfaces by ? irradiation. , 1997, 38, 289-302.		70
80	Synthesis and characterization of sol-gel phase-reversible hydrogels sensitive to glucose. , 1996, 9, 549-557.		69
81	A new process for making reservoir-type microcapsules using ink-jet technology and interfacial phase separation. Journal of Controlled Release, 2003, 93, 161-173.	9.9	69
82	BSA-FITC-loaded microcapsules for in vivo delivery. Biomaterials, 2009, 30, 902-909.	11.4	69
83	Study on the prevention of surface-induced platelet activation by albumin coating. Journal of Biomaterials Science, Polymer Edition, 1992, 3, 375-388.	3.5	68
84	Avasimibe Encapsulated in Human Serum Albumin Blocks Cholesterol Esterification for Selective Cancer Treatment. ACS Nano, 2015, 9, 2420-2432.	14.6	68
85	In Situ Visualization of Paclitaxel Distribution and Release by Coherent Anti-Stokes Raman Scattering Microscopy. Analytical Chemistry, 2006, 78, 8036-8043.	6.5	67
86	Drug delivery applications for superporous hydrogels. Expert Opinion on Drug Delivery, 2012, 9, 71-89.	5.0	66
87	Superporous IPN hydrogels having enhanced mechanical properties. AAPS PharmSciTech, 2003, 4, 406-412.	3.3	65
88	A new microencapsulation method using an ultrasonic atomizer based on interfacial solvent exchange. Journal of Controlled Release, 2004, 100, 379-388.	9.9	65
89	Combinatorial nanodiamond in pharmaceutical and biomedical applications. International Journal of Pharmaceutics, 2016, 514, 41-51.	5.2	65
90	Chemical gas-generating nanoparticles for tumor-targeted ultrasound imaging and ultrasound-triggered drug delivery. Biomaterials, 2016, 108, 57-70.	11.4	64

#	Article	IF	Citations
91	Drug delivery of the future: Chasing the invisible gorilla. Journal of Controlled Release, 2016, 240, 2-8.	9.9	62
92	To PEGylate or not to PEGylate, that is not the question. Journal of Controlled Release, 2010, 142, 147-148.	9.9	60
93	Paclitaxel distribution in poly(ethylene glycol)/poly(lactide-co-glycolic acid) blends and its release visualized by coherent anti-Stokes Raman scattering microscopy. Journal of Controlled Release, 2007, 122, 261-268.	9.9	59
94	Formulation composition, manufacturing process, and characterization of poly(lactide-co-glycolide) microparticles. Journal of Controlled Release, 2021, 329, 1150-1161.	9.9	55
95	Hydrotropic polymer micelles as versatile vehicles for delivery of poorly water-soluble drugs. Journal of Controlled Release, 2011, 152, 13-20.	9.9	54
96	Differential response to doxorubicin in breast cancer subtypes simulated by a microfluidic tumor model. Journal of Controlled Release, 2017, 266, 129-139.	9.9	54
97	Hydrogels in Bioapplications. ACS Symposium Series, 1996, , 2-10.	0.5	51
98	Temperature-Responsive Water-Soluble Copolymers Based on 2-Hydroxyethyl Acrylate and Butyl Acrylate. Macromolecular Chemistry and Physics, 2007, 208, 979-987.	2.2	50
99	Development of sustained release fast-disintegrating tablets using various polymer-coated ion-exchange resin complexes. International Journal of Pharmaceutics, 2008, 353, 195-204.	5.2	50
100	In vivo NIRF and MR dual-modality imaging using glycol chitosan nanoparticles. Journal of Controlled Release, 2012, 163, 249-255.	9.9	49
101	Questions on the role of the EPR effect in tumor targeting. Journal of Controlled Release, 2013, 172, 391.	9.9	49
102	Surface modification with PEO-containing triblock copolymer for improved biocompatibility: In vitro and ex vivo studies. Journal of Biomaterials Science, Polymer Edition, 1999, 10, 1089-1105.	3.5	48
103	Microparticles produced by the hydrogel template method for sustained drug delivery. International Journal of Pharmaceutics, 2014, 461, 258-269.	5.2	48
104	A protocol for assay of poly(lactide- co -glycolide) in clinical products. International Journal of Pharmaceutics, 2015, 495, 87-92.	5.2	48
105	The drug delivery field at the inflection point: Time to fight its way out of the egg. Journal of Controlled Release, 2017, 267, 2-14.	9.9	48
106	FRET Imaging Reveals Different Cellular Entry Routes of Self-Assembled and Disulfide Bonded Polymeric Micelles. Molecular Pharmaceutics, 2013, 10, 3497-3506.	4.6	47
107	Hydrogels for sustained delivery of biologics to the back of the eye. Drug Discovery Today, 2019, 24, 1470-1482.	6.4	47
108	Multicomponent, peptide-targeted glycol chitosan nanoparticles containing ferrimagnetic iron oxide nanocubes for bladder cancer multimodal imaging. International Journal of Nanomedicine, 2016, Volume 11, 4141-4155.	6.7	46

#	Article	IF	Citations
109	Biochemical and mechanical characterization of enzyme-digestible hydrogels. Pharmaceutical Research, 1990, 07, 816-823.	3.5	44
110	Albumin: A versatile carrier for drug delivery. Journal of Controlled Release, 2012, 157, 3.	9.9	44
111	Potential Roles of the Glass Transition Temperature of PLGA Microparticles in Drug Release Kinetics. Molecular Pharmaceutics, 2021, 18, 18-32.	4.6	44
112	Swelling and Mechanical Properties of Modified HEMA-based Superporous Hydrogels. Journal of Bioactive and Compatible Polymers, 2010, 25, 483-497.	2.1	43
113	Solvent Exchange Method: A Novel Microencapsulation Technique Using Dual Microdispensers. Pharmaceutical Research, 2004, 21, 1419-1427.	3.5	42
114	Application of poly(acrylic acid) superporous hydrogel microparticles as a super-disintegrant in fast-disintegrating tabletsâ€. Journal of Pharmacy and Pharmacology, 2010, 56, 429-436.	2.4	42
115	In vitro and in vivo studies of enzyme-digestible hydrogels for oral drug delivery. Journal of Controlled Release, 1992, 19, 131-144.	9.9	41
116	Recapitulation of complex transport and action of drugs at the tumor microenvironment using tumor-microenvironment-on-chip. Cancer Letters, 2016, 380, 319-329.	7.2	41
117	Impact of surfactant treatment of paclitaxel nanocrystals on biodistribution and tumor accumulation in tumor-bearing mice. Journal of Controlled Release, 2016, 237, 168-176.	9.9	40
118	Complex sameness: Separation of mixed poly(lactide-co-glycolide)s based on the lactide:glycolide ratio. Journal of Controlled Release, 2019, 300, 174-184.	9.9	40
119	Beyond Q1/Q2: The Impact of Manufacturing Conditions and Test Methods on Drug Release From PLGA-Based Microparticle Depot Formulations. Journal of Pharmaceutical Sciences, 2018, 107, 353-361.	3.3	39
120	Insulin-Loaded Microcapsules for In Vivo Delivery. Molecular Pharmaceutics, 2009, 6, 353-365.	4.6	38
121	Surface modification of polymeric biomaterials by albumin grafting using Î³-irradiation. Journal of Applied Biomaterials: an Official Journal of the Society for Biomaterials, 1994, 5, 163-173.	1.2	37
122	Analysis on the surface adsorption of PEO/PPO/PEO triblock copolymers by radiolabelling and fluorescence techniques. Journal of Applied Polymer Science, 1994, 52, 539-544.	2.6	37
123	Complement activation by PEO-grafted glass surfaces. Journal of Biomedical Materials Research Part B, 1999, 48, 640-647.	3.1	35
124	Effect of compression on fast swelling of poly(acrylamide-co-acrylic acid) superporous hydrogels. Journal of Biomedical Materials Research Part B, 2001, 55, 54-62.	3.1	34
125	Protein adsorption on polymer surfaces: calculation of adsorption energies. Journal of Biomaterials Science, Polymer Edition, 1989, 1, 243-260.	3.5	33
126	Fast-melting tablets based on highly plastic granules. Journal of Controlled Release, 2005, 109, 203-210.	9.9	33

#	Article	IF	Citations
127	Synergic Effects of Polymeric Additives on Dissolution and Crystallization of Acetaminophen. Pharmaceutical Research, 2008, 25, 349-358.	3.5	33
128	Hydrotropic magnetic micelles for combined magnetic resonance imaging and cancer therapy. Journal of Controlled Release, 2012, 160, 692-698.	9.9	33
129	Characterization of branched poly(lactide-co-glycolide) polymers used in injectable, long-acting formulations. Journal of Controlled Release, 2019, 304, 75-89.	9.9	33
130	Glucose-binding property of pegylated concanavalin A. , 2001, 18, 794-799.		32
131	Foreign Body Response to Intracortical Microelectrodes Is Not Altered with Dip-Coating of Polyethylene Glycol (PEG). Frontiers in Neuroscience, 2017, 11, 513.	2.8	32
132	Study on the Interactions Between Polyvinylpyrrolidone (PVP) and Acetaminophen Crystals: Partial Dissolution Pattern Change. Journal of Pharmaceutical Sciences, 2005, 94, 2166-2174.	3.3	31
133	Material properties for making fast dissolving tablets by a compression method. Journal of Materials Chemistry, 2008, 18, 3527.	6.7	31
134	Silymarin-Loaded Nanoparticles Based on Stearic Acid-Modified Bletilla striata Polysaccharide for Hepatic Targeting. Molecules, 2016, 21, 265.	3.8	31
135	Liquid crystalline drug delivery vehicles for oral and IV/subcutaneous administration of poorly soluble (and soluble) drugs. International Journal of Pharmaceutics, 2018, 539, 175-183.	5.2	31
136	Fractal analysis of pharmaceutical particles by atomic force microscopy. Pharmaceutical Research, 1998, 15, 1222-1232.	3.5	30
137	Introduction to Hydrogels. , 2010, , 1-16.		30
138	Self-assembly of cholesterol-hydrotropic dendrimer conjugates into micelle-like structure: Preparation and hydrotropic solubilization of paclitaxel. Science and Technology of Advanced Materials, 2005, 6, 452-456.	6.1	29
139	Comparison of micelles formed by amphiphilic star block copolymers prepared in the presence of a nonmetallic monomer activator. Journal of Polymer Science Part A, 2008, 46, 2084-2096.	2.3	29
140	Synthesis and characterization of biodegradable elastic hydrogels based on poly(ethylene glycol) and poly(Îµ-caprolactone) blocks. Macromolecular Research, 2007, 15, 363-369.	2.4	28
141	Understanding the effect of magnesium degradation on drug release and anti-proliferation on smooth muscle cells for magnesium-based drug eluting stents. Corrosion Science, 2017, 123, 297-309.	6.6	28
142	Novel temperature-responsive water-soluble copolymers based on 2-hydroxyethylacrylate and vinyl butyl ether and their interactions with poly(carboxylic acids). Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 195-204.	2.1	27
143	Controlled drug delivery systems: the next 30 years. Frontiers of Chemical Science and Engineering, 2014, 8, 276-279.	4.4	27
144	Protein interaction with surfaces: Separation distanceâ€dependent interaction energies. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1994, 12, 2949-2955.	2.1	26

#	Article	IF	Citations
145	Hydrotropic Polymers:Â Synthesis and Characterization of Polymers Containing Picolylnicotinamide Moieties. Macromolecules, 2003, 36, 2248-2255.	4.8	26
146	Drug Delivery Research: The Invention Cycle. Molecular Pharmaceutics, 2016, 13, 2143-2147.	4.6	26
147	Continuous in-line homogenization process for scale-up production of naltrexone-loaded PLGA microparticles. Journal of Controlled Release, 2020, 325, 347-358.	9.9	26
148	Enhanced Swelling Rate of Poly(ethylene glycol)-Grafted Superporous Hydrogels. Journal of Bioactive and Compatible Polymers, 2005, 20, 231-243.	2.1	25
149	Formulation and characterization of a liquid crystalline hexagonal mesophase region of phosphatidylcholine, sorbitan monooleate, and tocopherol acetate for sustained delivery of leuprolide acetate. International Journal of Pharmaceutics, 2016, 514, 314-321.	5.2	25
150	Experimental Design for the Synthesis of Polyacrylamide Superporous Hydrogels. Journal of Bioactive and Compatible Polymers, 2002, 17, 433-450.	2.1	24
151	Dissolution Study on Aspirin and Î±-Glycine Crystals. Journal of Physical Chemistry B, 2004, 108, 11219-11227.	2.6	24
152	Reshapable polymeric hydrogel for controlled soft-tissue expansion: In vitro and in vivo evaluation. Journal of Controlled Release, 2017, 262, 201-211.	9.9	24
153	Control of the Swelling Rate of Superporous Hydrogels. Journal of Bioactive and Compatible Polymers, 2001, 16, 47-57.	2.1	23
154	Self-aggregates of hydrophobically modified poly(2-hydroxyethyl aspartamide) in aqueous solution. Colloid and Polymer Science, 2003, 281, 852-861.	2.1	23
155	Interpolymer complexes of poly(acrylic acid) with poly(2-hydroxyethyl acrylate) in aqueous solutions. Colloid and Polymer Science, 2004, 283, 174-181.	2.1	23
156	Reservoir-Type Microcapsules Prepared by the Solvent Exchange Method:â€‰ Effect of Formulation Parameters on Microencapsulation of Lysozyme. Molecular Pharmaceutics, 2006, 3, 135-143.	4.6	23
157	Trojan monocytes for improved drug delivery to the brain. Journal of Controlled Release, 2008, 132, 75.	9.9	23
158	Glucose binding to molecularly imprinted polymers. Journal of Biomaterials Science, Polymer Edition, 2002, 13, 637-649.	3.5	22
159	Polymer composition and acidification effects on the swelling and mechanical properties of poly(acrylamide-co-acrylic acid) superporous hydrogels. Journal of Biomaterials Science, Polymer Edition, 2004, 15, 189-199.	3.5	22
160	Oral immunization of rabbits against Pasteurella multocida with an alginate microsphere delivery system. Journal of Biomaterials Science, Polymer Edition, 1997, 8, 131-139.	3.5	21
161	Comparative stereochemical analysis of glucose-binding proteins for rational design of glucose-specific agents. Journal of Biomaterials Science, Polymer Edition, 1998, 9, 327-344.	3.5	21
162	Characterization of reservoir-type microcapsules made by the solvent exchange method. AAPS PharmSciTech, 2004, 5, 10-17.	3.3	21

#	Article	IF	Citations
163	FrostaÂ®: a new technology for making fast-melting tablets. Expert Opinion on Drug Delivery, 2005, 2, 1107-1116.	5.0	21
164	Hydrogels. , 2012, , 75-105.		21
165	Enhanced encapsulation and bioavailability of breviscapine in PLGA microparticles by nanocrystal and water-soluble polymer template techniques. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 115, 177-185.	4.3	21
166	In vitro and in vivo release of albumin from an electrostatically crosslinked in situ-forming gel. Journal of Materials Chemistry, 2010, 20, 3265.	6.7	20
167	Application of coherent antiâ€stokes Raman scattering microscopy to image the changes in a paclitaxelâ€“poly(styreneâ€bâ€isobutyleneâ€bâ€styrene) matrix preâ€•and postâ€drug elution. Journal of Biomedical Materials Research - Part A, 2008, 87A, 913-920.	4.0	19
168	The role of major vault protein (MVP) in drug resistance. Journal of Controlled Release, 2012, 163, 266.	9.9	18
169	Injectable in situ-forming hydrogels for a suppression of drug burst from drug-loaded microcapsules. Soft Matter, 2012, 8, 7638.	2.7	18
170	Comparative studies on the properties of glycyrrhetinic acid-loaded PLGA microparticles prepared by emulsion and template methods. International Journal of Pharmaceutics, 2015, 496, 723-731.	5.2	17
171	Prevention of Opioid Abuse and Treatment of Opioid Addiction: Current Status and Future Possibilities. Annual Review of Biomedical Engineering, 2019, 21, 61-84.	12.3	17
172	Gastric Retention of Enzyme-Digestible Hydrogels in the Canine Stomach under Fasted and Fed Conditions. ACS Symposium Series, 1991, , 237-248.	0.5	16
173	SUPERPOROUS HYDROGELS: FAST RESPONSIVE HYDROGEL SYSTEMS. Journal of Macromolecular Science - Pure and Applied Chemistry, 1999, 36, 917-930.	2.2	16
174	Drug release mechanisms from amorphous solid dispersions. Journal of Controlled Release, 2015, 211, 171.	9.9	16
175	3D printing of 5-drug polypill. Journal of Controlled Release, 2015, 217, 352.	9.9	16
176	Sophoridine-loaded PLGA microspheres for lung targeting: preparation, in vitro, and in vivo evaluation. Drug Delivery, 2016, 23, 3674-3680.	5.7	16
177	Enhanced intranasal insulin delivery by formulations and tumor protein-derived protein transduction domain as an absorption enhancer. Journal of Controlled Release, 2019, 294, 226-236.	9.9	16
178	Analysis of the Prevention of Protein Adsorption by Steric Repulsion Theory. ACS Symposium Series, 1995, , 395-404.	0.5	15
179	Transport across the blood-brain barrier using albumin nanoparticles. Journal of Controlled Release, 2009, 137, 1.	9.9	15
180	Drug-Eluting Stent for Delivery of Signal Pathway-Specific 1,3-Dipropyl-8-cyclopentyl Xanthine. Molecular Pharmaceutics, 2009, 6, 1110-1117.	4.6	15

#	Article	IF	Citations
181	Prevention of nanoparticle aggregation during freeze-drying. Journal of Controlled Release, 2017, 248, 153.	9.9	15
182	Interfacial tension effects on the properties of PLGA microparticles. Colloids and Surfaces B: Biointerfaces, 2020, 196, 111300.	5.0	15
183	Aqueous N,N-diethylnicotinamide (DENA) solution as a medium for accelerated release study of paclitaxel. Journal of Biomaterials Science, Polymer Edition, 2004, 15, 527-542.	3.5	13
184	Dual drug-eluting stent. Journal of Controlled Release, 2012, 159, 1.	9.9	13
185	The in vivo transformation and pharmacokinetic properties of a liquid crystalline drug delivery system. International Journal of Pharmaceutics, 2017, 532, 345-351.	5.2	13
186	Impact of anti-PEG antibodies on PEGylated nanoparticles fate in vivo. Journal of Controlled Release, 2018, 287, 257.	9.9	13
187	Multiscale pharmacokinetic modeling of systemic exposure of subcutaneously injected biotherapeutics. Journal of Controlled Release, 2021, 337, 407-416.	9.9	13
188	Controlled Drug Delivery: Present and Future. ACS Symposium Series, 2000, , 2-12.	0.5	12
189	Microenvironment-Controlled Encapsulation (MiCE) Process: Effects of PLGA Concentration, Flow Rate, and Collection Method on Microcapsule Size and Morphology. Pharmaceutical Research, 2008, 25, 5-15.	3.5	12
190	Polymer Micelles for Drug Delivery. , 2010, , 513-551.		12
191	Translation from mouse to human: Time to think in new boxes. Journal of Controlled Release, 2014, 189, 187.	9.9	11
192	Decorin mimic promotes endothelial cell health in endothelial monolayers and endothelialâ€“smooth muscle coâ€cultures. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1365-1376.	2.7	11
193	Development of hot-melt extruded drug/polymer matrices for sustained delivery of meloxicam. Journal of Controlled Release, 2022, 342, 189-200.	9.9	11
194	Lessons learned from thermosensitive liposomes for improved chemotherapy. Journal of Controlled Release, 2014, 174, 219.	9.9	10
195	Loading of bovine serum albumin into hydrogels by an electrophoretic process and its potential application to protein drugs. Pharmaceutical Research, 1993, 10, 457-460.	3.5	9
196	Glucose-Sensitive Phase-Reversible Hydrogels. ACS Symposium Series, 1996, , 11-16.	0.5	9
197	Synthesis of Polysaccharide Chemical Gels by Gamma-Ray Irradiation. ACS Symposium Series, 1996, , 180-187.	0.5	9
198	How Specific Interactions between Acetaminophen and Its Additive 4-Methylacetanilide Affect Growth Morphology:â€‰ Elucidation Using Etching Patterns. Crystal Growth and Design, 2002, 2, 185-189.	3.0	9

#	Article	IF	Citations
199	Layer-by-layer Assembly of Poly(lactic-co-glycolic acid)-b-poly(l-lysine) Copolymer Micelles. Nanobiotechnology, 2007, 3, 96-103.	1.2	9
200	Effect of shape and size of polymer particles on cellular internalization. Journal of Controlled Release, 2010, 147, 313.	9.9	9
201	Experimental Design in the Preparation of Modified HEMA-Based Superporous Hydrogels in an Aqueous Medium. International Journal of Polymeric Materials and Polymeric Biomaterials, 2010, 59, 693-709.	3.4	9
202	Enzyme-Degradable Hydrogels. ACS Symposium Series, 1991, , 484-492.	0.5	8
203	Influence of tailor-made additives on etching patterns of acetaminophen single crystals. Pharmaceutical Research, 2001, 18, 398-402.	3.5	8
204	Focused ultrasound for targeted nanoparticle delivery to tumors. Journal of Controlled Release, 2010, 146, 263-263.	9.9	8
205	Injectable hyaluronic acid hydrogel for bone augmentation. Journal of Controlled Release, 2011, 152, 207.	9.9	8
206	Absence of in vivoâ€“in vitro correlation in per-oral drug delivery. Journal of Controlled Release, 2014, 180, 150.	9.9	8
207	Acoustic Cluster Therapy for better treatment of solid tumors. Journal of Controlled Release, 2016, 236, 117.	9.9	8
208	Combined therapy of imatinib and an anti-CTLA4 immune-checkpoint inhibitor. Journal of Controlled Release, 2018, 281, 196.	9.9	8
209	Transcending nanomedicine to the next level: Are we there yet?. Journal of Controlled Release, 2019, 298, 213.	9.9	8
210	Method matters: Development of characterization techniques for branched and glucose-poly(lactide-co-glycolide) polymers. Journal of Controlled Release, 2020, 320, 484-494.	9.9	8
211	Hydrotropic Nanocarriers for Poorly Soluble Drugs. , 2006, , 51-73.		8
212	Hydrogel Templates for the Fabrication of Homogeneous Polymer Microparticles. Methods in Molecular Biology, 2011, 726, 179-185.	0.9	8
213	Controlled Release Technologies: Current Status and Future Prospects. Pharmaceutical Research, 1996, 13, 1759-1759.	3.5	7
214	Efficient oral delivery of paclitaxel using cyclodextrin complexes. Journal of Controlled Release, 2010, 145, 1-1.	9.9	7
215	Arginine-rich CPPs for improved drug delivery to tumors. Journal of Controlled Release, 2012, 159, 153.	9.9	7
216	Vascularization in 3D bioprinted scaffolds. Journal of Controlled Release, 2014, 184, 79.	9.9	7

#	Article	IF	Citations
217	Application of Hydrogel Template Strategy in Ocular Drug Delivery. Methods in Molecular Biology, 2017, 1570, 279-285.	0.9	7
218	Chitosan-gelatin-platelet gel composite scaffold for bone regeneration. Journal of Controlled Release, 2017, 254, 137.	9.9	7
219	Attenuating the immunogenicity of PEGylated liposomes by gangliosides. Journal of Controlled Release, 2017, 250, 116.	9.9	7
220	Functional recovery in spinal cord injury using mesenchymal stem cells. Journal of Controlled Release, 2018, 278, 159.	9.9	7
221	Optimal nanoparticle design for effective transport through the blood-brain barrier. Journal of Controlled Release, 2019, 295, 290.	9.9	7
222	Understanding the Formation of Etching Patterns Using a Refined Monte Carlo Simulation Model. Crystal Growth and Design, 2002, 2, 177-184.	3.0	6
223	Systemic siRNA delivery using biocompatible calcium phosphate nanoparticles. Journal of Controlled Release, 2010, 142, 295.	9.9	6
224	True combination therapy using synergistic drug combination. Journal of Controlled Release, 2014, 187, 198.	9.9	6
225	Targeted vs. non-targeted delivery systems: Reduced toxicity over efficacy. Journal of Controlled Release, 2014, 178, 126.	9.9	6
226	Exosome-based therapeutic approach for muscle regeneration. Journal of Controlled Release, 2016, 222, 176.	9.9	6
227	The drug delivery field needs a well-diversified technology portfolio. Journal of Controlled Release, 2017, 245, 177.	9.9	6
228	Coupling the in vivo performance to the in vitro characterization of PLGA microparticles. International Journal of Pharmaceutics, 2021, 604, 120738.	5.2	6
229	Superabsorbent Hydrogels. , 2010, , 375-391.		6
230	Immobilization of concanavalin A to glucose-containing polymers. Macromolecular Symposia, 2001, 172, 95-102.	0.7	5
231	Collapse of Poly(methacrylic acid) Hydrogels in Response to Simultaneous Stimulation by an Electric Field and Complex Formation. Macromolecular Rapid Communications, 2002, 23, 965-967.	3.9	5
232	Preparation of liposomes with glucose binding sites: liposomes containing di-branched amino acid derivatives. Biomaterials, 2003, 24, 4487-4493.	11.4	5
233	Confocal Raman spectroscopy to study in vivo skin penetration of retinol. Journal of Controlled Release, 2009, 138, 1.	9.9	5
234	Nanotechnology in Drug Delivery: Past, Present, and Future. , 2009, , 581-596.		5

#	Article	IF	Citations
235	Simple preparation of coated resin complexes and their incorporation into fast-disintegrating tablets. Archives of Pharmacal Research, 2010, 33, 115-123.	6.3	5
236	Nano is better than micro for targeted vaccine delivery. Journal of Controlled Release, 2010, 144, 117.	9.9	5
237	Engineered cell/matrix platform for hypoxia-induced angiogenesis. Journal of Controlled Release, 2011, 153, 197.	9.9	5
238	Targeted delivery to monocytes. Journal of Controlled Release, 2012, 158, 1.	9.9	5
239	Nanoparticle diffusion in the bovine vitreous. Journal of Controlled Release, 2013, 167, 108.	9.9	5
240	Lyotropic liquid crystal for long-term delivery of peptide drugs. Journal of Controlled Release, 2014, 185, 139.	9.9	5
241	Chemically Modified Natural Polysaccharides to Form Gels. , 2015, , 1555-1582.		5
242	Analysis of semi-solvent effects for PLGA polymers. International Journal of Pharmaceutics, 2021, 602, 120627.	5.2	5
243	Perspective on drug delivery in 2050. Journal of Controlled Release, 2022, 344, 157-159.	9.9	5
244	Polymers in Pharmaceutical Products. ACS Symposium Series, 1993, , 2-15.	0.5	4
245	Engineered High Swelling Hydrogels. , 2010, , 351-374.		4
246	Improving the reach of vaccines to low-resource regions with a needle-free vaccine delivery device and long-term thermostabilization. Journal of Controlled Release, 2011, 152, 329.	9.9	4
247	Transport of nanostructured lipid carriers across the intestinal barrier. Journal of Controlled Release, 2013, 166, 195.	9.9	4
248	Mechanistic study on the ABC phenomenon of PEG conjugates. Journal of Controlled Release, 2013, 165, 234.	9.9	4
249	Molecular imaging in the aid of drug delivery technology. Macromolecular Research, 2014, 22, 926-931.	2.4	4
250	IVIVC of parenteral PLGA microspheres. Journal of Controlled Release, 2015, 218, 116.	9.9	4
251	Insight into brain-targeted drug delivery via LAT1-utilizing prodrugs. Journal of Controlled Release, 2017, 261, 368.	9.9	4
252	Tolerance levels of PLGA microspheres in the eyes. Journal of Controlled Release, 2017, 266, 365.	9.9	4

#	Article	IF	Citations
253	Different phase behaviors of enzalutamide amorphous solid dispersions. Journal of Controlled Release, 2018, 292, 277-278.	9.9	4
254	Multi-functional peptide-modified liposomes for treatment of glioma. Journal of Controlled Release, 2018, 289, 171.	9.9	4
255	What do we do next?. Journal of Controlled Release, 2019, 302, 203.	9.9	4
256	Probing the mechanism of drug release from liposomes. Journal of Controlled Release, 2019, 294, 390.	9.9	4
257	Synthesis of superporous hydrogels: Hydrogels with fast swelling and superabsorbent properties. Journal of Biomedical Materials Research Part B, 1999, 44, 53-62.	3.1	4
258	Synthesis and Characterization of Thermoreversible Sucrose Hydrogels (Sucrogels). ACS Symposium Series, 1999, , 113-126.	0.5	3
259	PEGylation: Camouflage of Proteins, Cells, and Nanoparticles Against Recognition by the Body's Defense Mechanism. , 0, , 443-461.		3
260	Ultrasound-activatable drug-loaded microbubbles for intracellular targeting. Journal of Controlled Release, 2008, 132, 151.	9.9	3
261	Non-ionic polymersomes for delivery of oligonucleotides. Journal of Controlled Release, 2009, 134, 73.	9.9	3
262	Nanovehicles for enhanced oral delivery of taxanes. Journal of Controlled Release, 2009, 140, 77-78.	9.9	3
263	Carbonate apatite-facilitated intracellular delivery of siRNA. Journal of Controlled Release, 2010, 147, 1-1.	9.9	3
264	Extravascular transport of nanoparticles in solid tumors. Journal of Controlled Release, 2012, 161, 967.	9.9	3
265	No penetration of nanoparticles through intact skin. Journal of Controlled Release, 2012, 162, 258.	9.9	3
266	Comparative study on liposome targeting to tumor endothelium. Journal of Controlled Release, 2012, 158, 181.	9.9	3
267	Toxicity risk of nanocarriers. Journal of Controlled Release, 2012, 160, 1-2.	9.9	3
268	Chemically Modified Natural Polysaccharides to Form Gels. , 2014, , 1-25.		3
269	A Fast and Sensitive Method for the Detection of Leuprolide Acetate: A High-Throughput Approach for the In Vitro Evaluation of Liquid Crystal Formulations. Analytical Chemistry, 2016, 88, 4613-4618.	6.5	3
270	Types and Chemistry of Synthetic Hydrogels. , 2016, , 17-44.		3

#	Article	IF	Citations
271	Dissolving microneedle vaccine delivery systems. Journal of Controlled Release, 2016, 225, 314.	9.9	3
272	Drug transport-based therapeutic resistance in breast cancer liver metastases. Journal of Controlled Release, 2018, 291, 196.	9.9	3
273	Quantitative non-invasive imaging of target engagement in small animals. Journal of Controlled Release, 2018, 286, 485.	9.9	3
274	Enhanced bacterial cancer therapy with hydroxychloroquine liposomes. Journal of Controlled Release, 2018, 280, 124.	9.9	3
275	Reshapable hydrogel tissue expander for ridge augmentation: Results of a series of successive insertions at the same intraoral site. Journal of Periodontology, 2019, 90, 718-727.	3.4	3
276	Are controlled release scientists doing enough for our environment?. Journal of Controlled Release, 2021, 332, 620-622.	9.9	3
277	Engineering Quick- and Long-acting Naloxone Delivery Systems for Treating Opioid Overdose. Pharmaceutical Research, 2021, 38, 1221-1234.	3.5	3
278	The Missing Components Today and the New Treatments Tomorrow. , 2013, , 689-707.		3
279	Initial Formation of the Skin Layer of PLGA Microparticles. Advanced Healthcare Materials, 2022, 11, e2101427.	7.6	3
280	Poly(methacrylic acid) Hydrogels for Rumen Bypass and the Delivery of Oral Vaccines to Ruminants. ACS Symposium Series, 1994, , 214-220.	0.5	2
281	Octaarginine-liposomes as an effective vaccine carrier for mature dendritic cells. Journal of Controlled Release, 2009, 136, 1-1.	9.9	2
282	Dry coating of immunotherapeutics to densely packed and short microprojection arrays. Journal of Controlled Release, 2009, 139, 171.	9.9	2
283	Target cell-specific transgene expression delivery systems. Journal of Controlled Release, 2010, 141, 1-1.	9.9	2
284	Luciferin liposomes for enhanced in vivo bioluminescence. Journal of Controlled Release, 2010, 141, 109.	9.9	2
285	Tumor regression after systemic administration of transferrin-targeted TNFÎ± plasmidâ€“dendrimer conjugates. Journal of Controlled Release, 2010, 143, 167-167.	9.9	2
286	A new ligand for targeted drug delivery to tumor stromal cells. Journal of Controlled Release, 2010, 145, 75.	9.9	2
287	Drug release coating for reduced tissue reaction to implanted neuroprostheses. Journal of Controlled Release, 2010, 145, 177.	9.9	2
288	Paclitaxel-loaded nanoparticles by temperature-induced phase transition. Journal of Controlled Release, 2010, 148, 265.	9.9	2

#	Article	IF	Citations
289	Mechanism of cross-presentation of microencapsulated antigen. Journal of Controlled Release, 2011, 151, 219.	9.9	2
290	Shockwave-ruptured nanopayload carriers (SHERPAs) for ultrasound-triggered drug release. Journal of Controlled Release, 2011, 155, 343.	9.9	2
291	Active liposomal loading of a poorly soluble ionizable drug. Journal of Controlled Release, 2012, 162, 475.	9.9	2
292	Not all liposomes are created equal. Journal of Controlled Release, 2013, 166, 316.	9.9	2
293	In vitro and in vivo correlation of paclitaxel-loaded polymeric microparticles. Journal of Controlled Release, 2013, 172, 1162.	9.9	2
294	Targeted delivery nano/micro particles to inflamed intestinal mucosa in human. Journal of Controlled Release, 2013, 165, 162.	9.9	2
295	Ligand Affinity: Multivalency counterbalances PEGylation. Journal of Controlled Release, 2014, 194, 351.	9.9	2
296	Harnessing lipid absorption pathways to target the lymphatic system. Journal of Controlled Release, 2014, 177, 108.	9.9	2
297	Calciumâ€“siRNA nanocomplexes: The importance of reversibility. Journal of Controlled Release, 2015, 203, 189.	9.9	2
298	Ocular microparticle formulations for 6-month delivery of anti-VEGF. Journal of Controlled Release, 2016, 244, 136.	9.9	2
299	Isolated lung model for assessing drug absorption from PLGA microparticles. Journal of Controlled Release, 2016, 226, 268.	9.9	2
300	In vivo DNA delivery with NickFect peptide vectors. Journal of Controlled Release, 2016, 241, 242.	9.9	2
301	Targeting prostate cancer cells en route to dissemination. Journal of Controlled Release, 2016, 223, 224.	9.9	2
302	The lack of IVIVC for monoacyl phospholipid-based self-emulsifying drug delivery systems. Journal of Controlled Release, 2017, 255, 279.	9.9	2
303	Cover Story: Zebrafish as a screening tool for the systemic circulation of nanoparticles. Journal of Controlled Release, 2017, 264, 342.	9.9	2
304	Cover Story Enhanced intrapericardial drug delivery by PLGA nanoparticles. Journal of Controlled Release, 2017, 262, 357.	9.9	2
305	Enhanced immune responses by co-adsorption of liposomal adjuvant formulations to the aluminum-antigen complex. Journal of Controlled Release, 2018, 275, 269.	9.9	2
306	Absorption of orally administered ultrafine drug particles. Journal of Controlled Release, 2018, 270, 304.	9.9	2

#	Article	IF	Citations
307	New biomedical polymer targeting E-selectin to reduce atherosclerosis. Journal of Controlled Release, 2018, 288, 277.	9.9	2
308	Shape-dependent bioavailability of lovastatin nanocrystals. Journal of Controlled Release, 2019, 307, 423.	9.9	2
309	Collective progress in drug delivery. Journal of Controlled Release, 2019, 300, 197-199.	9.9	2
310	Narrow molecular weight margins for the thermogelling property of polyesterâ€“polyether block copolymers in aqueous solutions. Journal of Applied Polymer Science, 2020, 137, 48673.	2.6	2
311	Fast-Responsive Macroporous Hydrogels. , 2009, , 179-208.		2
312	Oral Administration of Chemotherapeutic Agents Using Complexation Hydrogels. Materials Research Society Symposia Proceedings, 2002, 724, N10.4.1.	0.1	2
313	Transitioning from a lab-scale PLGA microparticle formulation to pilot-scale manufacturing. Journal of Controlled Release, 2022, 348, 841-848.	9.9	2
314	Poly(methacrylic acid) Hydrogels as Carriers of Bacterial Exotoxins in an Oral Vaccine for Cattle. ACS Symposium Series, 1993, , 288-296.	0.5	1
315	Preparation and Characterization of Enzyme-Digestible Hydrogels from Natural Polymers by Gamma Irradiation. ACS Symposium Series, 1994, , 55-65.	0.5	1
316	Polymerâ€"Solvent Interactions Studied with Computational Chemistry. ACS Symposium Series, 1994, , 221-233.	0.5	1
317	Formulation Issues around Lipid-Based Oral and Parenteral Delivery Systems. , 0, , 32-47.		1
318	Dendrimer polymeric micelles for enhanced photodynamic cancer treatment. Journal of Controlled Release, 2009, 133, 171.	9.9	1
319	Lectin-immobilized nanospheres for GI tumor targeting. Journal of Controlled Release, 2009, 134, 1.	9.9	1
320	Smart nanobombs for inducing traumatic death of cancer cells. Journal of Controlled Release, 2009, 135, 1.	9.9	1
321	Self-exploding microcapsules for pulsed drug delivery. Journal of Controlled Release, 2009, 135, 185.	9.9	1
322	Enhanced mucosal vaccination by biodegradable nanoparticles. Journal of Controlled Release, 2009, 138, 89.	9.9	1
323	Selective synovectomy using thrombin-sensitive photodynamic agents. Journal of Controlled Release, 2009, 138, 224.	9.9	1
324	Monitoring intracellular degradation of exogenous DNA by FCS and FCCS. Journal of Controlled Release, 2010, 143, 1-1.	9.9	1

#	Article	IF	Citations
325	Efficient delivery of VEGF via heparin-functionalized nanoparticleâ€“fibrin complex. Journal of Controlled Release, 2010, 143, 281-281.	9.9	1
326	Positron emission tomography imaging for study of intestinal insulin absorption. Journal of Controlled Release, 2010, 146, 1-1.	9.9	1
327	Hexagonal prism nanocarriers for mitigated phagocytosis. Journal of Controlled Release, 2011, 154, 1.	9.9	1
328	Nanocomposite microparticles for injectable cell scaffolds. Journal of Controlled Release, 2011, 156, 1.	9.9	1
329	Poly-SNO-HSA: A safe and effective multifunctional antitumor agent. Journal of Controlled Release, 2012, 164, 105.	9.9	1
330	Significance of handling, formulation and storage conditions on the stability and bioactivity of rhBMP-2. Journal of Controlled Release, 2012, 162, 654.	9.9	1
331	Microbubble ultrasound-guided targeted delivery to tumors. Journal of Controlled Release, 2012, 157, 167.	9.9	1
332	The optimal formulation variables for tumor targeting. Journal of Controlled Release, 2012, 157, 315-316.	9.9	1
333	Functional enhancement of transplanted islets by Extendin-4. Journal of Controlled Release, 2012, 159, 311.	9.9	1
334	Improved tumor targeting by mild hyperthermia. Journal of Controlled Release, 2013, 167, 220.	9.9	1
335	Hydrogel particle aggregates for growth factor delivery. Journal of Controlled Release, 2013, 167, 333.	9.9	1
336	Targeted inhibition of inflammatory gene expression in endothelial cells. Journal of Controlled Release, 2013, 166, 86.	9.9	1
337	Protocells for DNA cargo delivery to the spinal cord. Journal of Controlled Release, 2013, 168, 238.	9.9	1
338	Programmed sickle cells for targeted delivery to hypoxic tumors. Journal of Controlled Release, 2013, 171, 258.	9.9	1
339	Delivery of definable numbers of PLGA microparticles within embryoid bodies. Journal of Controlled Release, 2013, 168, 103.	9.9	1
340	Cornea-targeted gene therapy using adenovirus vector. Journal of Controlled Release, 2014, 181, 53.	9.9	1
341	An intravaginal ring for sustained and simultaneous delivery of 4 drugs. Journal of Controlled Release, 2015, 213, 193.	9.9	1
342	A microfluidic system for evaluating drug delivery to solid tumors. Journal of Controlled Release, 2015, 201, 101.	9.9	1

#	Article	IF	Citations
343	Rational design of agents to transiently increase paracellular permeability. Journal of Controlled Release, 2015, 210, 246.	9.9	1
344	Biodegradable thermosensitive polymer gel for sustained BMP-2 delivery. Journal of Controlled Release, 2015, 209, 337.	9.9	1
345	Thin-film freeze-drying for lyophilization of vaccines. Journal of Controlled Release, 2015, 204, 98.	9.9	1
346	Super paramagnetic nanoparticles for the diagnostic imaging of pancreatic cancer. Journal of Controlled Release, 2015, 214, 134.	9.9	1
347	Enhanced antitumor effects of hTRAIL by binding to endogenous albumin. Journal of Controlled Release, 2016, 228, 206.	9.9	1
348	Mechanisms controlling drug release from coated pellets. Journal of Controlled Release, 2016, 237, 185.	9.9	1
349	Perivascular administration: The outside-in concept. Journal of Controlled Release, 2016, 232, 265.	9.9	1
350	Hemocompatible and immune-safe library of citrem-phospholipid liquid crystalline nanoplatforms. Journal of Controlled Release, 2016, 239, 249.	9.9	1
351	An integrated assessment of PEGylated liposomal doxorubicin products. Journal of Controlled Release, 2016, 221, 71.	9.9	1
352	Adipose-derived stem cells combined with neuregulin microparticles for efficient cardiac repair. Journal of Controlled Release, 2017, 249, 196.	9.9	1
353	Baseline Biomechanical Properties of Epithelia prior to Tissue Expansion in Dogs. Plastic and Reconstructive Surgery - Global Open, 2018, 6, e1773.	0.6	1
354	Inherent antimicrobial activity by bacteria-derived vesicles. Journal of Controlled Release, 2018, 290, 180.	9.9	1
355	Thermo-responsive polypeptides and micromechanical machines for sustained delivery to the posterior eye. Journal of Controlled Release, 2018, 283, 291.	9.9	1
356	Core-shell polymer particles as flexible platform for vaccination. Journal of Controlled Release, 2019, 293, 224-225.	9.9	1
357	Pharmacokinetic studies for cochlear drug delivery. Journal of Controlled Release, 2019, 299, 165.	9.9	1
358	Bioink-guided spatio-temporal gene delivery for tissue engineering. Journal of Controlled Release, 2019, 301, 190.	9.9	1
359	PK/PD model for liposomal chemophototherapy. Journal of Controlled Release, 2019, 297, 102.	9.9	1
360	Complement activation by PEOâ€grafted glass surfaces. Journal of Biomedical Materials Research Part B, 1999, 48, 640-647.	3.1	1

#	Article	IF	Citations
361	Administration of Ovalbumin Encapsulated in Alginate Microspheres to Mice. ACS Symposium Series, 1996, , 58-66.	0.5	0
362	Title is missing!. Pharmaceutical Research, 2000, 17, 1439-1442.	3.5	0
363	Microencapsulation of Protein Drugs. , 2003, , .		0
364	Hydrotropic Polymer Micelles for Cancer Therapeutics. , 2006, , 385-408.		0
365	Non viral vector delivery in vitro using fibrin hydrogels. Journal of Controlled Release, 2009, 136, 87.	9.9	0
366	Targeting to retina by submicron-sized liposomes. Journal of Controlled Release, 2009, 136, 171.	9.9	0
367	Real time tracking of single magnetic lipoplex particles in living cells. Journal of Controlled Release, 2009, 137, 89.	9.9	0
368	Xenogeneic delivery of therapeutic products using transient immunosuppression. Journal of Controlled Release, 2009, 137, 173.	9.9	0
369	Intracellular trafficking of cell-penetrating peptideâ€“avidin complexes. Journal of Controlled Release, 2009, 139, 87.	9.9	0
370	The 14th International Symposium on Recent Advances in Drug Delivery Systems, February 15â€“18, 2009, Salt Lake City, UT, USA. Journal of Controlled Release, 2009, 140, 183-184.	9.9	0
371	Safe and efficient gene delivery by hybrid polymerâ€“virus vectors. Journal of Controlled Release, 2010, 144, 1-1.	9.9	0
372	In vivo MRI analysis of intracellular trafficking of paramagnetically labeled liposomes. Journal of Controlled Release, 2010, 144, 269-270.	9.9	0
373	Critical role of molecular imaging for substantially improved anticancer therapy. Journal of Controlled Release, 2010, 147, 153.	9.9	0
374	Enhanced delivery to endothelial lysosomes by ICAM-1-targeted nanocarriers. Journal of Controlled Release, 2011, 149, 207-208.	9.9	0
375	Selective endothelial targeting of stealthed adenovirus. Journal of Controlled Release, 2011, 150, 127.	9.9	0
376	Noninvasive imaging of MT1-MMP-positive tumors. Journal of Controlled Release, 2011, 150, 237.	9.9	0
377	Systemic anti-tumor activity of liposomal glucocorticoids. Journal of Controlled Release, 2011, 151, 1.	9.9	0
378	Unraveling the penetration: Model giant plasma membrane vesicles for study of cell-penetrating peptides. Journal of Controlled Release, 2011, 153, 105.	9.9	0

#	Article	IF	Citations
379	Administration route and carrier dependent effects on vaccine efficacy: Implications for vaccine design. Journal of Controlled Release, 2011, 154, 109.	9.9	0
380	Cardioprotective properties of Tat-BH4 and Pip2b-BH4 in vivo. Journal of Controlled Release, 2011, 156, 117.	9.9	0
381	IVIVC for circulation kinetics of liposomes. Journal of Controlled Release, 2011, 156, 275.	9.9	0
382	Vascular modification by electropermeabilization. Journal of Controlled Release, 2012, 163, 404.	9.9	0
383	Catechol-functionalized adhesive nanoparticles as a surface-releasing system. Journal of Controlled Release, 2013, 170, 306.	9.9	0
384	Small molecule inhibitors to manipulate adenovirus gene transfer. Journal of Controlled Release, 2013, 170, 160.	9.9	0
385	A new look at ultrasound-mediated extravasation. Journal of Controlled Release, 2013, 168, 341.	9.9	0
386	PK modulation of peptides by hapten-mediated antibody complexation. Journal of Controlled Release, 2013, 171, 91.	9.9	0
387	Just getting into cells is not enough. Journal of Controlled Release, 2013, 169, 162.	9.9	0
388	A cell therapy-based cure of the Laron Syndrome. Journal of Controlled Release, 2013, 165, 90.	9.9	0
389	Reversible albumin conjugation for improved molecular imaging. Journal of Controlled Release, 2014, 186, 88.	9.9	0
390	Predictive models of nanoparticle transport in solid tumors. Journal of Controlled Release, 2014, 192, 325.	9.9	0
391	Dissolution mechanisms of felodipine solid dispersions. Journal of Controlled Release, 2014, 188, 101.	9.9	0
392	Rhythmomimetic Drug Delivery. Journal of Controlled Release, 2014, 196, 394.	9.9	0
393	The mitotic window of opportunity for plasmid DNA delivery. Journal of Controlled Release, 2014, 179, 76.	9.9	0
394	Multicomponent nanochains for treating cancer micrometastasis. Journal of Controlled Release, 2014, 173, 166.	9.9	0
395	Complex adaptive therapeutic strategy for cancer treatment. Journal of Controlled Release, 2014, 175, 87.	9.9	0
396	Endothelial specific delivery of siRNA. Journal of Controlled Release, 2014, 176, 133.	9.9	0

#	Article	IF	Citations
397	Collagen gels for delivery of bioactive peptide derived from BMP-9. Journal of Controlled Release, 2014, 182, 121.	9.9	0
398	Biological effect of BMP-2 monitored by PET/CT. Journal of Controlled Release, 2014, 183, 178.	9.9	0
399	Enhanced regeneration capacity of cardiac stem cells by TAT-Hsp27. Journal of Controlled Release, 2015, 215, 129.	9.9	0
400	Spatio-temporal heterogeneity in tumor liposome uptake: Characterization of macro- and microdistribution. Journal of Controlled Release, 2015, 207, 164.	9.9	0
401	Novel approach to measure drug release from nanomedicines. Journal of Controlled Release, 2015, 220, 568.	9.9	0
402	Triglyceride micro-emulsion for detoxification of acute pharmacotoxicity. Journal of Controlled Release, 2015, 198, 104.	9.9	0
403	Mast cells for cell-mediated therapy. Journal of Controlled Release, 2015, 202, 118.	9.9	0
404	Tissue penetration of bacteria into quiescent regions of tumors. Journal of Controlled Release, 2015, 199, 198.	9.9	0
405	Insight into extravasation and internalization of nanoparticles. Journal of Controlled Release, 2015, 206, 243.	9.9	0
406	Dynamic cell culture model of endothelial cells for simulating in vivo nanoparticle uptake. Journal of Controlled Release, 2015, 216, 169.	9.9	0
407	Antibody transport within the brain. Journal of Controlled Release, 2015, 197, 219.	9.9	0
408	Opening the blood-brain barrier by focused ultrasound. Journal of Controlled Release, 2015, 212, 113.	9.9	0
409	Quantitative 3D mapping of drug absorption in skin. Journal of Controlled Release, 2015, 200, 233.	9.9	0
410	Ultrasound and microbubble enhanced treatment of inoperable pancreatic cancer. Journal of Controlled Release, 2016, 243, 381.	9.9	0
411	Sustained delivery of antibodies in vivo by local retention. Journal of Controlled Release, 2016, 230, 116.	9.9	0
412	Sustained efficacy of paclitaxel nanocrystals in hydrogel depot. Journal of Controlled Release, 2016, 235, 393.	9.9	0
413	Maintaining protein activity during hydrogel cross-linking. Journal of Controlled Release, 2016, 238, 313.	9.9	0
414	Organotypic non-melanoma skin cancer models for use in preclinical research. Journal of Controlled Release, 2016, 233, 220.	9.9	0

#	Article	IF	Citations
415	Pulmonary delivery of anti-ricin antibody: From the bench to the clinic. Journal of Controlled Release, 2016, 234, 135.	9.9	0
416	Magnetic resonance imaging for developing intramuscular formulations. Journal of Controlled Release, 2016, 227, 94.	9.9	0
417	Visualization of focal permeation sites within epithelial barriers. Journal of Controlled Release, 2016, 229, 200.	9.9	0
418	A hydrophilic matrix approach for controlled vaginal drug delivery. Journal of Controlled Release, 2016, 224, 240.	9.9	0
419	Megakaryocytic microparticles for targeted delivery to hematopoietic stem cells. Journal of Controlled Release, 2017, 247, 206.	9.9	0
420	Intracellular enzymes of the retinal pigment epithelial cells for controlled drug delivery. Journal of Controlled Release, 2017, 251, 102.	9.9	0
421	Cover Story: Nanoparticle properties affecting nuclear targeting in cancer and normal cells. Journal of Controlled Release, 2017, 253, 184.	9.9	0
422	Real-time monitoring of antibody microdistribution during photoimmunotherapy. Journal of Controlled Release, 2017, 260, 247.	9.9	0
423	Mechanistic understanding of ragweed pollen for oral vaccine delivery. Journal of Controlled Release, 2017, 268, 427.	9.9	0
424	Cover Story: Towards a preventive treatment of Alzheimerâ€™s disease with multi-functional liposomes. Journal of Controlled Release, 2017, 258, 254.	9.9	0
425	Moderate enhancement in tissue permeability by preclinical focused ultrasound. Journal of Controlled Release, 2017, 256, 214.	9.9	0
426	Editorial. Journal of Controlled Release, 2017, 268, 428.	9.9	0
427	In utero gene delivery to spinal cord motor neurons. Journal of Controlled Release, 2018, 273, 184.	9.9	0
428	Implants attenuating vaginal T lymphocyte activation and inflammation. Journal of Controlled Release, 2018, 277, 183.	9.9	0
429	Treating resistant tumors using HER3-targeted nanobiologics. Journal of Controlled Release, 2018, 271, 166.	9.9	0
430	Editorial. Journal of Controlled Release, 2018, 269, 439-440.	9.9	0
431	Efficient therapy of Pompe disease by an acid Î±-glucosidase conjugate. Journal of Controlled Release, 2018, 269, 441-442.	9.9	0
432	Microchamber arrays for controlled NIR laser mediated drug delivery to single cells. Journal of Controlled Release, 2018, 276, 168.	9.9	0

#	Article	IF	Citations
433	Size- and site-dependent distribution of therapeutic proteins into thoracic lymph. Journal of Controlled Release, 2018, 272, 182.	9.9	0
434	Prevention of intimal hyperplasia by immobilized all-trans retinoic acid. Journal of Controlled Release, 2018, 274, 118.	9.9	0
435	3D mesoscopic fluorescence tomography for photoimmunotherapy monitoring in vivo. Journal of Controlled Release, 2018, 279, 355.	9.9	0
436	Enhanced treatment of lung cancer by metronomic therapy with oral pemetrexed. Journal of Controlled Release, 2018, 284, 250-251.	9.9	0
437	Triggered delivery of sequestered siRNA to the heart. Journal of Controlled Release, 2018, 285, 258.	9.9	0
438	Automatic antidote delivery device for opioid overdose. Journal of Controlled Release, 2019, 306, 177.	9.9	0
439	Science the endless frontier. Journal of Controlled Release, 2019, 308, 240.	9.9	0
440	Albumin-binding Auristatin prodrugs for long-term tumor regressions. Journal of Controlled Release, 2019, 296, 258.	9.9	0
441	A Perspective on Current and Future Synthetic Reflexive Systems. , 2004, , .		0
442	Microcapsule Generation Using a Compound Jet Instability. , 2006, , .		0
443	Nanotechnology in Drug Delivery. , 2012, , 519-534.		0